

# The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneez.sri.com. The bulletin may be freely quoted, provided that credit is given.

## Edward Tilton, W1HDQ

We are saddened to learn that VHF pioneer and former QST VHF Editor Ed Tilton, W1HDQ, of Spring Hill, Florida, died March 1. He was 89. In December 1939, Tilton inaugurated the first QST column devoted to VHF. Originally called "On the Ultra Highs," it eventually became "The World Above 50 MHz." Tilton edited the VHF column until he retired from the ARRL staff in 1960, reporting on-the-air activity and encouraging experimentation initially on the then 56 and 112-MHz amateur allocations and, later, on all VHF and UHF bands. The UHF DX Records box--the precursor of today's standings boxes--debuted in 1940.

During World War II, Tilton worked as a field engineer for the military on radar projects--mostly at Pearl Harbor and Guam, and became acquainted with the great technological progress the military was making in the VHF-UHF spectrum. Even while occupied with his military duties, he still managed to file occasional columns throughout the war years.

In 1947, Tilton established the first WAS standings box for 6 meters. In 1955, he proposed establishing the first calling frequencies for the 6 and 2-meter bands. Following his retirement, Tilton remained a QST Contributing Editor. He was the author of the ARRL's first VHF Manual and wrote numerous articles for QST.

Tilton's column inspired an entire generation of VHF and UHF enthusiasts and encouraged such activities as EME, meteor scatter and auroral propagation. He was considered an authority on sunspots and solar flares and their effects on propagation. As ARRL Executive Vice President David Sumner, K1ZZ, put it: "Ed Tilton was one of the outstanding amateur scientists of his generation. Perhaps more than any other individual, he led the exploration of the extended-range properties of the VHF and UHF bands."

Tilton was a life member of the ARRL. He also belonged to the QCWA and the Spring Hill Amateur Radio Club. He was a native of Springfield, Massachusetts. His wife, Leitha, died in 1995. His sister, Ruby, is among the survivors. He is to be interred in Canton, Connecticut. Donations in Ed Tilton's name may be made to the Hospice of the Florida Suncoast, 300 E Bay Dr, Largo, FL 34640. (from ARRL Special Bulletin ARLX008)

## Malcolm Geddes, Z32JO

Mal Geddes wrote us a few years ago that he didn't know if he would live long enough to work more 6m F2 DX during the new solar cycle. We are saddened to learn that his premonition was correct; he has died of cancer of the colon after being diagnosed a couple months earlier.

Malcolm GEDDES—Ex. 2AKA, G2SO, VQ1JO, ZE3JO/VQ2, VQ3JO, VQ4JO, VQ5JO, ZE3JO/ZD6, ZE3JO/ZS8, ZD6JO, ZS8JO, ZE3JO, Z23JO/ZS6 passed away at 6:15 AM on April 1, 1997 at the Malvern Care Unit, Mvurwi, Zimbabwe.

Mal became a ham some years before the WWII. When that war was declared, he was actually on honeymoon in Belgium. On returning to the U.K., he joined the RAF, Bomber Command and was seconded to Marconi Research.

He and Margaret were married in June 1939—almost 58 years ago. Along with their two sons, they emigrated to Southern Rhodesia (now Zimbabwe) in 1950. During the earlier years, he and most often Ivan, Z23JJ, went on a number of 'safaris' in various parts of Africa and Mal must be about the only ham who has used, quite successfully, a tin leg as an aerial!

Mal is survived by his widow Margaret, two sons (neither of whom has followed his lead in radio), four grandchildren and one great grandchild.

I firmly believe that there will be a great many hams throughout the world who will feel his passing to the Great Ham Station in the Sky.

73 and love, Dirk (Elder son of Mal, Z23JO).

## ARRL Spring Sprint, 50 MHz

Readers are reminded of the ARRL VHF/UHF Spring Sprints, single band contests. The 50 MHz Sprint starts May 17 at 2300Z and ends four hours later, May 18 at 0300Z.

This is a perfect opportunity to check out your 6m station in preparation for the June 14-16 ARRL VHF QSO Party. Exchange grid-square locations. Signal reports are optional. One point per valid QSO. The final score is the QSO points X grid squares.

Logs must indicate time, call sign and complete exchange for each valid QSO. Multipliers must be clearly marked in the log. A summary sheet is also required. Official entry forms may be found in *The 1997 ARRL Contest Yearbook*. Entries may also be submitted via Internet (to [contest@arrl.org](mailto:contest@arrl.org)), BBS (860-594-0306), or on disk, following the ARRL Suggested File Format. Entries for each Sprint must be postmarked by June 19, and should be separated by band. The results will be listed in *NCJ*.

# 1997 50 MHz DX Marathon

The 50 MHz DX Bulletin is sponsoring its fourth 50 MHz DX Marathon, in which the object is to work 6m stations in as many grid fields (10° x 20° areas) as possible. (The grid field is the first two letters of a grid square.) This year's contest period will run from 00Z June 21 to 00Z July 21. Only one QSO per station worked should be reported unless either station has changed grid fields, and only one QSO of distance shorter than 4400 km should be reported per grid field.

It is thus expected that participants will abstract those QSOs qualifying from their regular and contest logs. The only over-the-air exchange required is call signs, but you are expected to log date & time UTC and to report the location or grid square with sufficient accuracy to verify the distance.

Scoring, 6 points for QSOs with stations more distant than 8800 km, 3 points for QSOs with stations between 4400 and 8800 km, 0 points (but a multiplier for new grid fields) for QSOs with stations closer than 4400 km. Multiplier: number of grid fields. Final score = (Contact Points + 1) X grid fields. Logs should be posted by August 10, 1997.

## February-April 1997 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, GJ4ICD's *Internet Six News* (marked with #), ŠM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in *FIVE NINE* and *V,UHF DX Topics* in *MOBIL HAM*, VK3OT, PY5CC, LW5EJU, EH8BPX, ZL1MQ, ZL3TY, VE7SKA, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, A=Baby room monitor, B=beacon, C=CW, D=Digital, P=Cordless Phone, S=SSB, T=Television, W=worked, mode not indicated, H=heard only.

## Reports of Africa

### ASCENSION IS.

02202105 ZD8VHF	50.0325 B EH8BPX
03192138 ZD8VHF 41	50.0325 B EH8BPX

### MADEIRA IS.

02222119 CT3HF 59+ -2154	50.115 S EH8BPX
02231036 CT3HF 59+ -1152	50.115 S EH8BPX
03011520 CT3HF 59 tr	50.115 S EH8BPX

### MOROCCO

02221409 CN8KD 53	145.300 F EH8BPX
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### NAMIBIA

03261500 V51VHF 529-579 TEP	50.018 B IK0FTA#
03271400 V51VHF 59+ -1415 TEP	B 4Z5JA#
03311741 V51VHF 579	50018 B 9H1CG#

## Reports of Asia

### ASIA, GENERAL

04110700 ASIAN TV VID LOUD	49.750 V VK3OT
04130730 ASIAN TV R1	49.750 V VK3SIX
04190800 ASIAN TV 539 345°	49.750 V VK3OT
04200330 ASIAN VIDEO R1 58	49.750 V ZL3TIC
04200520 ASIAN VIDEO R1 539	49.749 V VK3OT

### CHINA

04070530 BY TV > QG56	49.750 V VK4JSR
04070700 BY TV -0800	49.750 V VK3SIX

### JAPAN

01021130 JR6YAG/B	PL36 50.036 B JA9SJI
01111130 JR6YAG & 1300	PL36 50.036 B JA1-6

### KOREA,S.

01111030 DS1CMD	51.020 F JA1/2
01111040 HL1LTC	50.120 S JA1/2

### RUSSIAN FEDERATION (ASIA)

03230407 UATV S2 Vladivostok	49.759 V VK4JSR#
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### TAIWAN

04190600 BV4PH	>PM63 50.120 S JA5CMO
04190710 BV2FG	>PM63 50.110 H JA5CMO

## Reports of Europe

### EUROPE GENERAL

03141120 EUR INBAND TV	> IO91 I G3HBR
03311609 EUR VID strong	49750 V G6YIN#

### AUSTRIA

03311545+OE	< 1718	H G4IGO
03311618 OE3LPB cqcq		50110 G4VPD#

### AZORES

03311851 CU3URA & 1914	50014 B CU7BC#
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### CZECH REPUBLIC

03311617 OK/HQ vid 59+ > io92	50000 I G4VPD#
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### DENMARK

03301021 OZ6VHF 569 -1023	B G4UPS
03310805 OZ2LD 559 MS	H G4UPS

### ESTONIA

03301030 ES0SIX 559 -1036	B G4UPS
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### FRANCE

0331XXXX F1MXE	SP5QWB
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### GERMANY

03311616 DJ0IZ 51 jo21>jo42	50150 PE1PZS#
03311640 DJ0IZ 53 jo42 >jo33	50150 PE1LAU#
03311720 DL9YEY 519	50114 ON9BGP#
03312103 DF2JQ	50150 PA3FYM#

### HUNGARY

03311545+HG	< 1718	H G4IGO
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### ITALY

03311252 I3LLH JN65-JN68 56	50111 OE5UAL#
03311748 I5MMC JN53>IO93	50150 G6YIN#

### NETHERLANDS

03311705 PA3FYM 599	50054 ON5FU#
03312113 PA3FYM io73tg	50150 GW0GEI#

### POLAND

03311545 SP9	W G4IGO
03311558 SP2OFW 59	50110 F6FLV#
03311717 SP9UNX 55 burst 10 s	50150 PE1OZH#

### PORTUGAL

02192044 CT0WW	50.030 B EH8BPX
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02201551	CT0WW	50.030	B	EH8BPX	04170450	VE6EKP	DO33 > DO21	50 AU H VE6XT
02202100	CT0WW	50.030	B	EH8BPX	04170450	VE6NA	DO20	50 AU H VE6XT
02211043	CT0WW	50.030	B	EH8BPX	04212344	VE6BPR	> CN88 AU	50 H VE7SKA
02221329	CT0WW	50.030	B	EH8BPX	04220136	VE6BPR	70° AU	50.125 H VE7SKA
03010846	CT0WW	50.030	B	EH8BPX	04220350	VE6ARC	60° AU DO05	50.044 B VE7SKA
03020923	CT0WW	50.030	B	EH8BPX	04220416	VE6EMU	60° AU DO33	50.041 B VE7SKA
03112145	CT MILITARY 59	50.076	F	EH8BPX	04230205	VE4VHF	EN19 > EM21	B WA5JCI
03242127	CT0WW	50.030	B	EH8BPX	04110400	CKCK	2 SK AUE 105°	855m T VE7SKA

## SCOTLAND

03300923 GB3LER 449 IN/OUT B G4UPS

## SERBIA

03311545+YU < 1718 H G4IGO

## SWEDEN

03010847	SM7FJE	579/559	>	IO80JV	C	G4UPS
03080856	SM7FJE	579/559	MS		C	G4UPS
03150859	SM7AED	579/559	MS		C	G4UPS
03160824	SM7AED	559/459	MS		C	G4UPS
03230820	SM7AED	559			H	G4UPS
03280911	SM7AED	579/579			C	G4UPS
03301017	SM5SMH	57/53	JO89TW	ROINE	S	G4UPS

## VATICAN

03141200 HV3SJ 579-->599 -1215 B G4UPS

## Reports of North America

### ALASKA

04110516+KL7FZ	BP51	>	DO33	AUE 50.	VE6MK
04110516+KL7Y	BP51	>	DO33	AUE 50.	VE6MK
04170420	KL7NO	BP54	>	DO21	50 AUE H VE6XT

### EASTERN CANADA

04102314	VE1ZOS	55A	FN48>FN13	144 W	N2DKP
04102333	VE3CWJ	59A	EN96>FN13	144 W	N2DKP
04110026	VE9PA	55A	FN65>FN13	144 W	N2DKP
04110100	VE3AX	FN02		144 W	KOGJX
04110117	VE3CWJ	EN96		144 AU W	WB9SNR
04110135	VE3VHB	FN24		144 AU W	WB9SNR
04110305	VE3SXE	FN25>EN74	AU 50.1		N8CGY
04110308	VE3FIT	FN03>EN74	AU 50.1		N8CGY
04110312	VE2VAT	FN45>EN74	AU 50.1		N8CGY
04110328	VE3FCX	52A FN03*>	EM79 50		N8ZJN
04110333	VE3TFU	55A EN93*	> EM79 50		N8ZJN
04110341	VE3FOD	20/9A	EN76>FN13	144 W	N2DKP
04110400	VE3TOL	57A	EN76>FN13	144 W	N2DKP
04212050	VE9AA	55A >FN13	AU 144.208 W	K2SPO	
04212105	VE3KRP	EN58	>EN74 50.1		N8CGY
04212208	VE3SXE	FN25	>EN74 50.1		N8CGY
04212335	VA3AEC	EN82	>EN74 50.1		N8CGY
04212340	VE3CWJ	EN96	ON>FN20	AU 144	AA3GN
04212358	VE3CXN	EN94	>EN74 50.1		N8CGY
04230049	VA3DPB	EN58	> EM21		W WA5JCI

### WESTERN CANADA

04110142	VE6EMU	70°	DO33	50.041	B VE7SKA
04110201	VE6NA	60°	DO20	50.125	C VE7SKA
04110217	VE7HCP	70°	CN89	50.125	S VE7SKA
04110219	VE7RKC	50°	D000	50.130	S VE7SKA
04110220+VE3GBA/7	CN88>DO31	144	AU W	VE6TA	
04110220+VE6MK	> DO31AH	144	AU H	VE6TA	
04110220+VE6XT	> DO31AH	144	AU H	VE6TA	
04110220+VE7ASY	DN09>	DO31AH	144	AU W	VE6TA
04110220+VE7SKA	> DO31AH	144	AU H	VE6TA	
04110300	VE6NTT	65°	DO31	50.1	S VE7SKA
04110300+VE7	> DN17 AU				N3CEV/7
04110347	VE6ARC	55°	DO05	50.044	B VE7SKA
04110352	VE7SKA	CN88 >	CN84 AU	144 W	K7ZL
04110354	VE7BEE	70°	DN09	50.125	C VE7SKA
04110355+VE7/VE3GBA	CN88>CN84	AU144	W K7ZL		
04110422	VE4VHF	95°	EN19	50.037	B VE7SKA
04110430	VE7HCE	CN99 >	CN85	50 H	N7DB
04110447	VE6BPR	60°	DO33	50.1	H VE7SKA
04110516	VE6MK	DO33 >	FN02	AUE 50.	W2DRZ
04110516+VE7	> DO33	AUE 50.			VE6MK
04110517	VE7MDL	CN89 >	CN85	52A 50	W N7DB
04110700	VE7XF	CN89 >	CN84 AU	50 H	K7ZL
04110XXX	VE4VHF			AUE 50.036	B VE9AA
04170450	VE6BPR	,	VE6BGT	DO32	50 AU H VE6XT

04170450	VE6EKP	DO33 > DO21	50 AU H VE6XT
04170450	VE6NA	DO20	50 AU H VE6XT
04212344	VE6BPR	> CN88 AU	50 H VE7SKA
04220136	VE6BPR	70° AU	50.125 H VE7SKA
04220350	VE6ARC	60° AU DO05	50.044 B VE7SKA
04220416	VE6EMU	60° AU DO33	50.041 B VE7SKA
04230205	VE4VHF	EN19 > EM21	B WA5JCI
04110400	CKCK	2 SK AUE 105°	855m T VE7SKA
04110359	CBKMT	4 SK AUE 105°	792m T VE7SKA
04110430	CBWFT	3 MB AUE 95°	1167m T VE7SKA

### DOMINICAN REPUBLIC

03042314	H10VHF	57 TE	50.010 B LW5EJU
03170036	H10VHF	51 TE	50.010 B LW5EJU
04082024	H10VHF	55 F2 -2235	50.010 B LW5EJU

### GRENADA

03092316	J3EOC	519	TEP	50.056 B PY5CC
03120040	J3EOC	599	TEP	50.056 B PY5CC
03130105	J3EOC	519	TEP	50.056 B PY5CC
03170100	J3EOC	51 TE	TEP	50.057 B LW5EJU
03190030	J3EOC	529	TEP	50.056 B PY5CC
03192325	J3EOC	529	TEP	50.056 B PY5CC
03220008	J3EOC	519	TEP	50.056 B PY5CC
03242330	J3EOC	519	TEP	50.056 B PY5CC
03250001	J3EOC	519	TEP	50.056 B PY5CC
03260020	J3EOC	519	TEP	50.056 B PY5CC

### MEXICO

03191912	XE1KK	59 -1930 F2	50.023 B LW5EJU
03312048	XE1KK	59+ F2 -2315	50.023 B LW5EJU
04022205	XE1KK	57 F2	50.023 B LW5EJU
04082011	XE1KK	59+ F2 -2255	50.023 B LW5EJU
04181550	XE TV	2,3	T WA5IYX
04181620	XE1KK	-1740	B WA5IYX
04181640	XHAP	2 GU ACAPULCO	& 1708 T WA5IYX

### PUERTO RICO

03100009	WP4O	559	TEP	50.110 C PY5CC
03160027	WP4	-0037 2 stns		H LU2EGQ#
03170028	WP4MSL	53 TE	JOSE	50.110 S LW5EJU
03220040	KP4EIT	52	TEP	50.110 S PY5CC

### ST KITTS & NEVIS

03092315	V44K	579	TEP	50.054 B PY5CC
03120040	V44K	599	TEP	50.054 B PY5CC
03160049	V44K	52 TE		50.055 B LW5EJU
03170036	V44K	53 TE		50.055 B LW5EJU
03180035	V44K	519	TEP	50.054 B PY5CC
03182350	V44K	599	TEP	50.054 B PY5CC
03192325	V44K	579	TEP	50.054 B PY5CC
03212354	V44K	599	TEP	50.054 B PY5CC
03220005	V44K	599	TEP	50.054 B PY5CC
03242330	V44K	519	TEP	50.054 B PY5CC
03250001	V44K	559	TEP	50.054 B PY5CC
03260020	V44K	559	TEP	50.054 B PY5CC

### United States, W1

03282116+W1REZ	FN55 > FN13	Au 144.	W N2DKP
04110124	K1ZE	59A EN41>FN13	144 W N2DKP
04110258	W1REZ	FN55>EN74	AU 144.2 N8CGY
04110303	W1REZ	59A FN55>FN13	144 W N2DKP
04212158	W1TDS	FN32 >EN74	50.1 N8CGY
04212240	W1REZ	FN55 ME >FN20	AU 144 AA3GN
04212355	W1	> EM76 AU	144.2 H NS4W

### United States, W2

04102320	K2YAZ	59A EN34>FN13	144 W N2DKP
04110139	K2YAZ	EN74 222+432 AU W WB9SNR	
04110313	AA2QM	FN34>EN74	AU 50.1 N8CGY
04110325	K2MPE	FN13 > FN21	AU 50. N2QXF
04110347	WB2VVV	55A FN33>FN13	144 W N2DKP
04110401	K2YAZ	EN74	144 W KOGJX
04110516	W2DRZ	FN02 > DO33	AUE 50. VE6MK
04211945	N2KFC	FN30>FN13	AU 144 H K2SPO
04211945	WA2AEY	FN23>FN13	AU 144 H K2SPO
04212139	WA2AEY	FN23 >EN74	50.1 N8CGY
04212219	WA2BPE	55A FN12* > EM79	50 N8ZJN
04212226	WA2AEY	58A FN23 > EM79	50 N8ZJN
04212256	N2HL	FN02SR	AU 432 H WE2Y
04212338	WA2BPE	FN12 >EN74	50.1 N8CGY

**United States, W3**

04110357 K3DMG 52A EN90>FN13 144 W N2DKP  
 04212154 K3UZY FN11 >EN74 144.2 N8CGY  
 04212348 KB3PW FN13 >EN74 50.1 N8CGY  
 04212355 W3 > EM76 AU 144.2 H NS4W

**United States, W4**

03282116 N4PZ EN52 > FN13 Au 144.2 W N2DKP  
 03311500-W4 > NY -1600- H W2DRZ  
 04102317 N4PZ 59A EN52>FN13 144 W N2DKP  
 04102331 N4PZ EN52>EN74 AU 144.2 N8CGY  
 04212050-KD4UPF 51A >FN13 222.104 W K2SPO  
 04212305 N4PZ EN52 IL > FN20 AU 144 AA3GN  
 04212344 AD4PJ FM08 >EN74 50.1 N8CGY  
 04230000+W4 EM66,55,56,40 EL59,49 W NOEC  
 04230000+W4 EM73,75,76,77,62,62,64 W NOEC  
 04230000+W4 FM05,06 EM83,84,85,86 W NOEC

**United States, W5**

03231545 N5JHV > DM09 K7XC  
 03301530 N5JHV > DM09 MS 50.125 H K7XC  
 03301811 N5OSK 54 OK > DN27 W W7GJ  
 03301827 N5JHV 59+60 DM62>DN27-1845 W7GJ  
 03301842 N5JEH CLG CQ Es H K7XC  
 03301842 W5DO DM65 > DM09 Es W K7XC  
 03311500-W5 > NY -1600- H W2DRZ  
 04040100 W5 > EM97 WEAK H KB8TEJ  
 04230000+W5 EM54 > DN70LF W NOEC  
 04230040 W5 NM > EM79xk N8ZJN  
 04230052+W5 NM, TX DM62,76,84> EM66 W KC4QWZ  
 04230116 W5 TX DM93 > EN74 59/59 W N8CGY

**United States, W6**

03301826 N6ZCP 55 DM06 WKD 1830 S W0MTK  
 03301830+WA6QGR 55 BILL DM06 > DM59 S W0MTK  
 03301841-W6/K7KMS 56 CHUCK DM06 S W0MTK  
 03301844 W6 DM04 > DM78 H NOYGM  
 04221628 K6QXY CM88 NOLL  
 04221745 W6SJR 59 DM14 > DN94 50 WDOT  
 04221745+K6RMJ 53 DM13 > DN94 50 WDOT  
 04221745+KB6NHK 59 DM13 > DN94 50 WDOT  
 04221745+KE6KDX 52 > DN94 50 WDOT  
 04242343 K6FV 59 CM87>CN88 -2358 B VE7SKA

**United States, W7**

03231856 W7/KE6ILX DN00>DM09 50.125 H K7XC  
 03301811+KD7GC DM33 > DN27 W W7GJ  
 03301822 N7SKT DM33 > DN27 W W7GJ  
 03301844 W7 CN84 > DM78 H NOYGM  
 03301849 W7GJ MT H W0MTK  
 04061358 N7ML CQ > DN31 MS 50.125 H WA7HQA  
 04110147 K7CAI 60° CN87 50.125 H VE7SKA  
 04110155 K7XW 60° CN86 50.125 C VE7SKA  
 04110158 W7ALW 60° DN26 50.125 C VE7SKA  
 04110200 W7HAH 70° DN28 50.062 B VE7SKA  
 04110200+W7HAH AU 144. H KOGU  
 04110206 K7XW 50° CN86 144.200 C VE7SKA  
 04110209 K7NQ 50° CN87 144.200 C VE7SKA  
 04110216 K7GS DN17 50.125 H VE7SKA  
 04110220 K7GS DN17 > DO31AH 144 AU W VE6TA  
 04110220+AB7CS CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7CAI CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7GX CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7JK CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7LD CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7NQ CN87 > DO31AH 144 AU W VE6TA  
 04110220+K7WB CN94 > DO31AH 144 AU W VE6TA  
 04110220+W7HAH > DO31AH 144 AU H VE6TA  
 04110220+W7OE DN17 > DO31AH 144 AU W VE6TA  
 04110220+W7YQZ CN87 > DO31AH 144 AU W VE6TA  
 04110220+W7ZFX CN88 > DO31AH 144 AU W VE6TA  
 04110220+W17Z CN87 > DO31AH 144 AU W VE6TA  
 04110225 W7HAH 50° DN26 144.203 C VE7SKA  
 04110235 WB7DHC 60° CN97 50.140 S VE7SKA  
 04110239 N7ML 80° DN45 50.131 S VE7SKA  
 04110246 W7PQE CN96 144.200 H VE7SKA  
 04110253 K7ZL 80° CN84 144.200 C VE7SKA  
 04110256 K17WB 80° CN94 144.196 C VE7SKA  
 04110258 N7ML DN45 > CN85 53A 50 W N7DB  
 04110300+W7 WA, ID, OR > DN17 AU N3CEV/7  
 04110304 KJ7Y CN87 > CN85 55A 144 W N7DB  
 04110309 KC7CCK 60° DN06 50.135 S VE7SKA

04110310 W7EW 110° CN84 50.150 S VE7SKA  
 04110314 W7YQZ CN87 > CN82 AU 144.2 W K6ZX/7  
 04110314+W7OE > CN82 AU 144 H K6ZX/7  
 04110318 W7HAH > CN85 144 H N7DB  
 04110318 W7OE DN17 > CN85 59A 144 W N7DB  
 04110319 WA7SKT 100° CN86 50.150 S VE7SKA  
 04110323 WB7DHC DN97 > CN85 52A 50 W N7DB  
 04110330 K7NQ CN87>CN84 AU 144 H K7ZL  
 04110332 WB7DHC 45° CN97 144.200 H VE7SKA  
 04110355 W7HAH DN26 > CN84 AU 144 W K7ZL  
 04110355+K7JY CN87 > CN84 AU 144 W K7ZL  
 04110355+W7OE DN17 > CN84 AU 144 W K7ZL  
 04110355+WB7DHC > CN84 AU 50 S K7ZL  
 04110412 K7RWT AU 75° CN85 50.1 H VE7SKA  
 04110442 K7MQF 45° CN88 50.125 S VE7SKA  
 04110516+W7 > DO33 AUE 50.125 VE6MK  
 04212344 W7HAH > CN88 AU 50.062 B VE7SKA  
 04212344 W7HAH 75° AU DN28 50.062 B VE7SKA  
 04220021 W7HAH 70° AU DN26 50.125 C VE7SKA  
 04220233 N7EPD 65° AU CN87 50.125 H VE7SKA  
 04220243 K7GS 55° AU DN17 144.200 C VE7SKA  
 04220259 KD7IY 70° AU DN14 144.200 C VE7SKA  
 04220301 K7XD 75° AU CN85 50.135 C VE7SKA  
 04220337 W7 AU > DN27 50 W W7GJ  
 04221745+WB7DZG 59 DM51 > DN94 50 WDOT

**United States, W8**

04092003 N8ZAT AU 144.2 H NOJK  
 04110033 K8NNU 55A EN82>FN13 144 W N2DKP  
 04110052 W8RU EN 82 50 W K0GJX  
 04110057 KUY8 59A EN61>FN13 144 W N2DKP  
 04110101 AC8W EN82 144 W K0GJX  
 04110109 W8BC 55A EN82>FN13 144 W N2DKP  
 04110110 AC8W EN82>EN74 AU 144.2 N8CGY  
 04110110 KO8Y EN57 144 AU W WB9SNR  
 04110118 WA8TWL 55A EN91>FN13 144 W N2DKP  
 04110130 N8CGY EN74 > EM79 AU 144. W N8ZJN  
 04110130 N8ZJN EM79>EN74 AU 50.1 N8CGY  
 04110130+KB8YPT EN83 > EM79 AU 144. W N8ZJN  
 04110130+N8QEM EN62 > EM79 AU 144. W N8ZJN  
 04110131 N8PUM 54A EN65>FN13 144 B N2DKP  
 04110132 N8CGY 55A EN74\* > EM79 50 N8ZJN  
 04110133 KA8JOM EN66>EN74 AU 50.1 N8CGY  
 04110147 KB8YPT 57A EN83\* > EM79 50 N8ZJN  
 04110149 N8QEM 45A EN62 > EM79 50 N8ZJN  
 04110158 K8SD EN12 144 W K0GJX  
 04110237 K8SD 55A/53A EN12 144. KOGU  
 04110343 W8KC 58A EN82>FN13 144 W N2DKP  
 04110352 K8KD 53A EN82>FN13 144 W N2DKP  
 04110355 WA8DXB 55A EN91>FN13 144 W N2DKP  
 04110516+KB8MBC EN73 > DO33 AUE 50. VE6MK  
 04110526 KB8MBC 58A EN73\* > EM79 50 N8ZJN  
 04212022 N8PUM EN65>FN13 AU 144.278 B N2DKP  
 04212050 N8ZJN EM79 > EN74 50.1 N8CGY  
 04212055 N8ZJN EM79>EN74 AU 50 W N8CGY  
 04212057 N8CGY 53A EN74 > EM79 50 N8ZJN  
 04212126 N8PUM 55A EN65>EN74 50.067 B N8CGY  
 04212131 KC8CWT 52A EN76\* > EM79 50 N8ZJN  
 04212203 KB8WFN EN90 > EN74 50.1 N8CGY  
 04212205 W8COY 55A EN74 > EM79 50 N8ZJN  
 04212325 KC8AGW EN90 > EN74 50.1 N8CGY  
 04212340 N8NYE EN91 > EN74 50.1 N8CGY  
 04212345 N8LGP EN91 > EN74 50.1 N8CGY  
 04212351 KA8JOM EN66 > EN74 50.1 N8CGY  
 04212354 WA8WJV EN83 > EN74 50.1 N8CGY  
 04220008 KB8YKR EM79 > EN74 50.1 N8CGY  
 04220011 N8LGY 52A EN91 > EM79 50 N8ZJN  
 04220016 WB8ALP 52A EN82 > EM79 50 N8ZJN

**United States, W9**

04092003 K9DTB CQ AURORA 144.201 H NOJK  
 04102337 WB9HLM 41A EN52>FN13 144 W N2DKP  
 04110019 N9CIQ 41A EN44>FN13 144 W N2DKP  
 04110040 K9CA 31A EN61>FN13 144 W N2DKP  
 04110051 W9RM EN52 50 W K0GJX  
 04110052 K9MRI EN70>EN74 AU 144.2 N8CGY  
 04110110 K9IA EN53 50 W K0GJX  
 04110122 NN9K 59A EN41>FN13 144 W N2DKP  
 04110125 W9 > EN13 AUR H K8SD/0  
 04110130+KB9JIF EN63 > EM79 AU 144. W N8ZJN  
 04110143 W9 50.125 H NOEDV  
 04110144 W9NVK 54A EN62>FN13 144 W N2DKP

04110148 KB9JIF	57A EN62*	> EM79	50	N8ZJN	03021407 VK4BKM	50.160 S JE4JFP
04110215 WB9SNR	55A/53A EN62	144.	KOGU	03021410 VK4FNQ	50.180 S JR2HCB	
04110230+W9RM	>	EM48 AU		03021415 VK4JH	50.115 S JR2HCB	
04110241 WB9HLM	52A/53A EN52	144.	KOGU	03021421 VK4FNQ	50.180 S JE4JFP	
04110246 WA9KRT	52A/53A EN61	144.	KOGU	03021428 VK4JH	50.120 C JE4JFP	
04110336 KB9KRU	45A EN61	> EM79	50	N8ZJN	03031412 VK4TL	50.110 S JR2HCB
04212150 N9PW	56A EN52	> EM79	50	N8ZJN	03041526 VK4TL	50.110 S JR2HCB
04212206 N9ZAW	EN51	>EN74	50.1	N8CGY	03151440 VK4JH	50.115 S JR2HCB
04212247 KW9KW	55A EN40*	> EM79	50	N8ZJN	03151500 VK4JSR	50.150 S JA1-7
04212300 WB9WHQ	56A EN45*	> EM79	50	N8ZJN	03151500 VK4JSR	50.150 S JR2HCB
04212329 WB9WHQ	EN45	>EN74	50.1	N8CGY	03151505 VK4DMI	50.133 S JA1-7
04212331 KW9KW	EN40	>EN74	50.1	N8CGY	03151505 VK4DMI	50.133 S JR2HCB
04212337 NA9N	EN61	>EN74	50.1	N8CGY	03151507 VK4DMI	50.110 S JA7WSZ
04212355 W9	>	EM76 AU	144.2	H NS4W	03151509 VK4AR	50.180 S JA7WSZ
04220010 N9PEZ	EN50	>EN74	50.1	N8CGY	03161428 VK4BKM	50.110 S JR2HCB
04220012 N9WHY	EN60	>EN74	50.1	N8CGY	03161430 VK4BKM	50.114 S JA1/2/3
04230025 W9 WI	EN45	> EM21		H WA5JCI	03161433 VK4JH	50.075 C JR2HCB
04230207 N9TIQ	EN44	> EM21		W WA5JCI	03161446 VK4JH	50.114 C JA1/2/3
					03161448 VK4BKM	50.135 S JR2HCB

### United States, W0

04102244 KAORYT	EN34>EN74	AU	144.2	N8CGY
04110045 WA0DXZ	EN41		144	W KOGJX
04110112 KOKD	55A EN31>FN13	144	W N2DKP	
04110120 NOUSG	EN34>EN74	AU	50.1	N8CGY
04110130+KOKTP	EN43 > EM79	AU	144.	W N8ZJN
04110139 KOKTP	53A EN43*	> EM79	50	N8ZJN
04110139+KAORYT	EN34 LOUD		432	AU H WB9SNR
04110143 W0			50.125	H NOEDV
04110148 WOOHU	56A EN34>FN13	144	W N2DKP	
04110151 KOSM	EN10 RUNNING	20W	144	W KOGJX
04110200 KAORYT	EN34>EN74	AU	144.2	N8CGY
04110200+KOMQS	AU		144.	H KOGU
04110200+KB0PYO	AU		144.	H KOGU
04110201 NOHQL	EN28		50	W KOGJX
04110202 KOMQS	55A EN31>FN13	144	W N2DKP	
04110205 W0/WA2HFI	53A/53A EN34	144.	KOGU	
04110212 WB0SOK	55A/53A EN34	144.	KOGU	
04110214 WYOV	55A/54A EN12	144.	KOGU	
04110218 KOGU	DN70		144	AU W WB9SNR
04110218 NOLL	54A/52A EM09	144.	KOGU	
04110219 KOKD	56A/57A EN31	144.	KOGU	
04110233 KB0PYO	59A/56A EN24	144.	KOGU	
04110235 KAORYT	52A/53A EN34	144.	KOGU	
04110245+KOGU	DN70	AU		WOLER
04110245+KOGU	DN70 > EM17	55AU	144	H NOJK
04110245+KOMQS	EN31 > EM17	55AU	144	H NOJK
04110245+NOLL	EM09 > EM17	55AU	144	H NOJK
04110245+W0/W2AH	DM78	AU		WOLER
04110251 KOMQS	55A/56A EN31	144.	KOGU	
04110256 WOAH	DM78	CO	144	W KOGJX
04110258 KAOZYD	53A EN34	144.	KOGU	
04110300-W0 IA,MN	> DN70 AU			NOEC
04110303 WOLER	55A/53A EN35	144.	KOGU	
04110336 KAORYT	57A EN34>FN13	144	W N2DKP	
04110348 WBOOAJ	DN86	ND	144	W KOGJX
04110350 W0IZ	53A EN42>FN13	144	W N2DKP	
04212245 KAORYT	55A EN34>EN74	432.1	W N8CGY	
04230052+W0 CO	DM67,69, DN70	> EM66	W KC4QWZ	
04230052+W0 KS	DM99	> EM66OK	W KC4QWZ	
04230210+W0 MN	- 0225	> EM21	H WA5JCI	

### Reports of Oceania

#### AUSTRALIA General

02241540 VK-TV		46.170	V JA4
02261500 VK-TV		46.170	V JA0
03201249 VK-TV		46.170	F JA7WSZ
03211210 VK-TV		46.170	F JA7WSZ
04102140 VK VID		46.172	V VK3OT
04102140 VK VID WAGGA HOLLOW		46.240	V VK3OT
04190100 VK TV S2	-0820	46.24	V ZL3TY
04190440 VK TV TO S9	-0820	46.17	V ZL3TY
04200230 VK TV	58	46.17, 44	46.240 V ZL3TIC

#### AUSTRALIA-Queensland-VK4

03021332 VK4JH		50.120	S JA5GJN/4
03021340 VK4BKM		50.160	S JA5GJN/4
03021345 VK4FNQ		50.180	S JA5GJN/4
03021348 VK4BKM		50.160	S JI1CPN
03021349 VK4BKM		50.110	S JR2HCB
03021349 VK4JH		50.120	S JI1CPN
03021405 VK4WDM		50.120	S JR2HCB

03021407 VK4BKM	50.160 S JE4JFP
03021410 VK4FNQ	50.180 S JR2HCB
03021415 VK4JH	50.115 S JR2HCB
03021421 VK4FNQ	50.180 S JE4JFP
03021428 VK4JH	50.120 C JE4JFP
03031412 VK4TL	50.110 S JR2HCB
03041526 VK4TL	50.110 S JR2HCB
03151440 VK4JH	50.115 S JR2HCB
03151500 VK4JSR	50.150 S JR2HCB
03151505 VK4DMI	50.133 S JA1-7
03151505 VK4DMI	50.133 S JR2HCB
03151507 VK4DMI	50.110 S JA7WSZ
03151509 VK4AR	50.180 S JA7WSZ
03161428 VK4BKM	50.110 S JR2HCB
03161430 VK4BKM	50.114 S JA1/2/3
03161433 VK4JH	50.075 C JR2HCB
03161446 VK4JH	50.114 C JA1/2/3
03161448 VK4BKM	50.135 S JR2HCB
03220353 VK4 TV0	-0500 >QM05 46.17 V JA1VOK
03300430 VK4 TV0	-0600 >QM05 46.17 V JA1VOK
04020530 VK4 TV0	-0600 >PM95 46.17 V JH1WHS
04070450 VK4BRG	> QG62 50.077 B JA1RJU
04070459 VK4GPS	> QG62 50.120 S JA1RJU
04070510 VK4GPS	>PM85 50.110 S JE2DWZ
04070533 VK4FNQ	>PM85 50.180 S JE2DWZ
04070537 VK4FNQ	50.180 S JA1RJU
04070542 VK4ABP	>PM85 52.345 B JE2DWZ
04070542 VK4BRG	>PM85 50.0775 B JE2DWZ
04130405 VK4 TV0	-0510 >QM05 46.17 V JA1VOK
04130909 VK4TL	>PM74 50.110 H JJ3WXG
04130913 VK4TL	59 180° QH23 50.115 S JA1RJU
04190523 VK4RGG	539 > RE57 B ZL3TY
04190557 VK4AR, VK4JSR	W ZL3TY
04200405 VK4 TV0	-0450 >QM05 46.17 V JA1VOK

#### West AUSTRALIA-VK6

03151505 VK6YBQ	50.120 S JA1/2
03151510 VK6YBQ	50.120 S JR2HCB

#### AUSTRALIA-Tasmania-VK7

04102140 VK7 VID HOBART AUR	57. V VK3OT
04162133 VK7JR	57 W VK3OT
04190100 VK7RAE	519 -0110 B ZL3TY

#### AUSTRALIA-Northern Territory-VK8

03151450 VK8RAS/B	50.047 B JR2HCB
03151530 VK8RAS/B	PG66 50.047 JA1/2
04031147 VK8VF	-1157 >PM63 50.057 B JA5CMO
04031153 VK8VF	579 >PM53 50.057 B JA6TEW
04070537 VK8RAS	> PG66 50.047 B JA0HME
04070555 VK8RAS	>PM85 50.0465 B JE2DQZ
04130801 VK8VF	>PM64 50.057 B JH4JPO
04130801 VK8VF	559 180° 50.057 B JH4JPO
04130810 VK8ZMA	>PM64 50.110 S JH4JPO
04130810 VK8ZMA	59+ 180° 50.110 JH4JPO

#### HAWAIIAN IS.

04050616 KHON	2 HI -1109 TE 55.26 V ZK1AA
04050616+KGMV	3 HI WAILUKU 61.25 V ZK1AA
04050616+KH6HME	B ZK1AA
04050616+KITV	4 HI HONOLULU 67.24 V ZK1AA
04060715 KHON	2 HI -1205 55.26 V ZK1AA
04070715 KHON	2 HI -0820 55.26 V ZK1AA
04071500 KHON	2 HI -1600 WEAK V ZK1AA
04090615 KHON	2 HI -0655 STRONG V ZK1AA
04110525 KHON	2 HI -0830 STRONG V ZK1AA
04110525+KFVE	5 HI HONOLULU 77.25 V ZK1AA
04110525+KGVM	3 HI WAILUKU 61.25 V ZK1AA
04110525+KH6HME	B ZK1AA
04110525+KHBC	2 HI HILO 55.25 V ZK1AA
04110525+KITV	4 HI HONOLULU 67.24 V ZK1AA
04170545 KH6HME	569 >0745 B ZK1AA
04170545 KHON	2 HI -1033 V ZK1AA
04170545+KFVE	5 HI HONOLULU 77.25 V ZK1AA
04170545+KGVM	3 HI WAILUKU 61.25 V ZK1AA
04170545+KHBC	2 HI HILO 55.25 V ZK1AA
04170545+KITV	4 HI HONOLULU 67.24 V ZK1AA
04170545 KHON	2 HI -1035 STRONG V ZK1AA
04180725+KH6	CHS 3,4,5 V ZK1AA
04180725+KH6HME	569 B ZK1AA
04180725+KHBC	2 HI HILO 55.25 V ZK1AA

04190517 KHON	2 HI	-1134	STRONG	V	ZK1AA	
04190517+KH6	CHS	3,4,5		V	ZK1AA	
04190517+KH6HME	569			B	ZK1AA	
04190517+KHBC	2 HI	HILO	55.25	V	ZK1AA	
04200845 KHON	2 HI	-1255	55.26	V	ZK1AA	
04200845+KH6	HILO	2 + CHS	3,4,5	V	ZK1AA	
04200845+KH6HME				B	ZK1AA	
04230644 KHON	2 HI	-1054	55.26	V	ZK1AA	
04230644+KH6	HILO	2 + CHS	3,4,5	V	ZK1AA	
04230644+KH6HME				B	ZK1AA	
04250900 KHON	2 HI	-1200	CD	55.26	V	ZK1AA
04250900+KH6	HILO	2 + CH2	3,4,5	V	ZK1AA	
04250900+KH6HME				B	ZK1AA	

## NEW ZEALAND

04170540 ZL TV S3 AUR -0600 45.25 V ZL3TY

## Reports of South America

### ARGENTINA

03092300 LU3EMK	59	HECTOR	GW	50.120	S	LW5EJU
03092300 LU8EDR	58	DANIEL	GW	50.120	S	LW5EJU
03121920 LU3EMK	59	HORACIO	GW	.120	S	LW5EJU
03122014 LU5JAU	59+	DANIEL	TR	.120	S	LW5EJU
03142211 LU8YYO	59	Ea		50.033	B	LW5EJU
03160022 LU5JAU	59+TR	DANIEL		50.110	S	LW5EJU
03161359 LU5JAU	59+ TR			50.120	S	LW5EJU
03292129 LU9EHF	53	BackScatr		50.016	B	LW5EJU
03302055 LU9EHF	53	BackScatr		50.016	B	LW5EJU
03302100 LU6DRV	53	JOSE	GW	50.110	S	LW5EJU
03312050 LU5JAU	59+ TR			50.110	S	LW5EJU

### BRAZIL

03121900 PU7AGQ	59+	Ea	LAGUAS	.110	S	LW5EJU
03160018 PP2RON	52	Ea	Brazilia	.110	S	LW5EJU
03292128 PP2RON	57	Ea	RON	50.110	S	LW5EJU
03301936 PU7AGQ	51	ALFREDO	Ea50.110	S	LW5EJU	
03302037 PU7AGQ	52	ALFREDO	Ea50.109	S	LW5EJU	
03302043 PP7JW	51	MARCIO	Ea	50.110	S	LW5EJU

### URUGUAY

03292129 CX1CCC	52	BackScatr		50.019	B	LW5EJU
03312110 CX2IY	51	TR		50.110	S	LW5EJU

### VENEZUELA

03010030 YV4AB	57	TE		50.025	B	LW5EJU
03030012 YV4AB	53	TE		50.025	B	LW5EJU
03042314 YV4AB	59	TE		50.025	B	LW5EJU
03060023 YV4AB	57	TE		50.025	B	LW5EJU
03100000 YV4AB	57	TE		50.025	B	LW5EJU
03120040 YV4AB	599	TEP		50.025	B	PY5CC
03130012 YV4AB	53	TE		50.025	B	LW5EJU
03130105 YV4AB	529	TEP		50.025	B	PY5CC
03160049 YV4AB	59	TE		50.025	B	LW5EJU
03170036 YV4AB	53	TE		50.025	B	LW5EJU
03180030 YV4AB	57	TE		50.025	B	LW5EJU
03190030 YV4AB	52	TE		50.025	B	LW5EJU
03190150 YV4AB	529	TEP		50.025	B	PY5CC
03200030 YV4AB	58	TE		50.025	B	LW5EJU

## DX-peditions/Operations

**Iceland, TF/PA3DWD:** This year I will spend my vacation on Iceland and will be active on 50 MHz as much as possible. I will be QRV from about June 26 until July 16. I have already received permission from the Icelandic Telecommunications. The rig will be an IC706 and 4 el beam combined with a 1/4 wave vertical on the car. We will be active from different squares because we travel around by car. Supposed frequencies 50.123 or eventually 50.110. Also I will listen on 28.885. (tnx SM7AED).

**St. Paul Is., CY9AA:** VE9AA's trip is now scheduled for June 26 to July 3.

**Bahamas, C6AIE:** John, WZ8D, will be QRV on 6m with 250W to a 3 or 4 el beam from EM79 June 5-19. He also will be QRV on 160m-23cm. He will be operating from Steve,

N4JQQ's C6AFP QTH, which is available for rental for much of the summer Es season. (Steve's phone is 901-374-0927.)

Joe Pater will be going to Crooked Is. in the Bahamas May 30 through June 2 and will be QRV on 6m.

**Nicaragua:** JA7WFM is QRV on 50 MHz as YN6WFM until December 1997.

**Ireland, EI/G7UEG/P:** The Northern VHF Activity Group will be active from June 28 to July 12 on 2, 4, and 6m. QRG on 6m = 50.122±QRM. The first week activity is planned from IO41,42,51, and 52. The second week IO44 and IO54. QSL via bureau or direct to G7DKX with SASE + IRC. Tnx SM7AED & UKSMG.

**Balearic Is., EA6IB/P:** will be active from JM09SB during all the VHF-UHF Contests and also some other days, on vhf-uhf bands 50 MHz to 1292 MHz.

**Annobon Island, 3C0:** The Union de Radioaficionados Espanoles (URE) is planning to go to Annobon May 20-27 and to include 6m as well as HF.

**South Pacific:** Jack Haden, VK2GJH, will be island hopping with an Icom 736 Plus Trap Dipoles and Vertical for 6m. His itinerary is as follows:

Depart:	Date	Arrive:	Date	Callsign
Suva	June 27	Rabi Is.	June 28	3D2JH
Rabi	June 30	Suva	July 1	3D2JH
Suva	July 2	Funafuti	July 5	T20JH
Funafuti	July 7	Tarawa	July 11	T30JH
Tarawa	July 13	Banaba	July 15	T33JH
Banaba	July 23	Nauru	July 24	N/A
Nauru	July 25	Tarawa	July 27	T30JH
Tarawa	July 28	Rotuma	Aug 1	3D2JH/R
Rotuma	Aug 2	Suva	Aug 5	3D2JH

QSL PO Box 299, Ryde, NSW 2112 AUSTRALIA

## QSL News

**CO2KK:** I have received the following letter from Herman Cone III, N4CH (previously WB4DBB):

I've spoken to Arnie, CO2KK, several times over the past few weeks. Unfortunately he's having problems with the 6 meter (SB-110) transceiver, and that's why he wasn't on 6 much last summer. He's trying to get it back on the air. Meanwhile, he is active on the low bands (shows up often 3790-3800), and he also has a new QSL manager: W5WP (formerly WQ5Y) has all logs starting January 1, 1997, but other important QSOs (^ meters) can be confirmed, but may take longer. (I got a QSL for my 75 meter QSO with Arnie, and it only took a week or so.)

## Beacon News

**HV3SJ:** Do to very urgent revision works to the building where HV3SJ was located, it has been removed, and we cannot say when it will be reactivated. IK0FTA via SM7AED.

**PA3FYM:** On March 13 the beacon is replaced at the University and we are awaiting to see if there are still problems in the Biological Department. The beacon delivers 15W to a dipole, direction N/S @ 45m ASL. Frequency (mark) is 50.0528. PA3FYM via SM7AED.

**C6AFP:** WZ8D hopes to install a 6 and 2 meter beacon in FL16. It is being built by Earl, W8MGJ, and will run 1/2 watts (each band).

## 1997 50 MHz Needs Survey Summary of Results

Tabulated below is a summary of results from the 1997 50 MHz DXCC Needs Survey received through April 1, 1997. Responses have been sorted to provide results from the Eastern and Western half of North America as well from North America as a whole. Complete tabulations from each area are also attached.

### **Eastern North America (fields EL, EM, EN, FM, FN)**

Rank	Prefix	DXCC Country (% Need)
1	KP1	Navassa Is. (93%)
1	HKO	Malpelo Is. (93%)
3	TI9	Cocos Is. (91%)
4	YV0	Aves Is. (88%)
5	FO	Clipperton Is. (77%)

Rank	Prefix	DXCC Country (% Need)
6	KP5	Desecheo Is. (74%)
7	HK0	San Andreas & Prov. (72%)
8	XF4	Revilla Gigedo (65%)
8	YN	Nicaragua (65%)
10	CY9	St. Paul Is. (60%)

### **Western North America (fields CM, CN, DM, DN, Mexico & Cent. America)**

Rank	Prefix	DXCC Country (% Need)
1	TI9	Cocos Is. (100%)
2	CY9	St. Paul Is. (96%)
3	OX	Greenland (93%)
3	HK0	Malpelo Is. (93%)
5	FP	St. Pierre & Miquelon (89%)
5	KP1	Navassa Is. (89%)

Rank	Prefix	DXCC Country (%Need)
5	YV0	Aves Is. (89%)
8	FY	French Guiana (81%)
9	FG	Guadeloupe (78%)
9	J7	Dominica (78%)
9	J8	St. Vincent & Dep. (78%)

### **North America - Total**

Rank	Prefix	DXCC Country (%Need)
1	TI9	Cocos Is. (94%)
2	HK0	Malpelo Is. (92%)
3	KP1	Navassa Is. (91%)
4	YV0	Aves Is. (89%)
5	FO	Clipperton Is. (76%)

Rank	Prefix	DXCC Country (%Need)
6	CY9	St. Paul Is. (74%)
6	KP5	Desecheo Is. (74%)
8	HK0	San Andreas & Prov. (69%)
8	YN	Nicaragua (69%)
10	XF4	Revilla Gigedo (67%)

### **Survey question results:**

What frequency (ies) should dx-peditions to these rare (most needed) countries operate on?

Frequency	East Coast Votes	West Coast Votes	Total Votes
50.110 MHz	21	8	29
50.125 MHz	14	9	23
Other	11	13	24

Note: Many respondents did not indicate an opinion on preferred operating frequency for dx-peditions. In addition many of the respondents modified their frequency choice by addition of comments to the survey form. To say there is not a consensus is an understatement! One of the most frequently made comments was that none of the dx-peditions should actually operate on any of the calling frequencies. Once contact is made (the band is confirmed to be open and there is a pile up) dx-peditions should move off of the calling frequency. A number of respondents also commented on the problem of TV birdies and other interference on the frequencies between 50.111 and 50.117 MHz in North America and urged operators to avoid this band segment.

# 1997 50 MHz DXCC Needs Survey Results

## North America - Total

April 1, 1997

The following results were tabulated from responses received from six meter operators located in the North American continent. DXCC Countries are ranked according to percentage of respondents still needing to work each country.

Rank	Prefix	DXCC Country (*)	% Need
1	TI9	Cocos Is. (2)	94
2	HK0	Malpelo Is. (1)	92
3	KP1	Navassa Is. (3)	91
4	YVO	Aves Is. (7)	89
5	FO	Clipperton Is. (7)	76
6	CY9	St. Paul Is. (5)	74
6	KP5	Desecheo Is. (10)	74
8	HK0	San Andreas & Prov. (17)	69
8	YN	Nicaragua (15)	69
10	XF4	Revilla Gigedo (12)	67
11	FP	St. Pierre & Miquelon (13)	59
11	J8	St. Vincent & Dep. (21)	59
13	J7	Dominica (18)	57
13	OX	Greenland (6)	57
15	FG	Guadeloupe (7)	53
15	FY	French Guiana (19)	53
17	YS	El Salvador (24)	51
18	FJ,FS	Saint Martin (26)	46
19	CY0	Sable Is. (4)	44
19	HR	Honduras (11)	44
19	J6	St. Lucia (21)	44
19	4U	HQ, United Nations (30)	44
23	J3	Grenada (28)	43
23	PJ5-8	St. Maarten (30)	43
23	TG	Guatemala (13)	43
26	8R	Guyana (34)	41
27	V2	Antigua & Barbuda (41)	40
28	V3	Belize (16)	39

Rank	Prefix	DXCC Country	% Need
28	V4	St. Christopher & Nevis (21)	39
28	VP2E	Anguilla (25)	39
28	VP2V	Br. Virgin Is. (26)	39
32	KG4	Guantanamo Bay (34)	37
33	9Y	Trinidad & Tobago (39)	36
33	PZ	Surinam (29)	36
35	HI	Dominican Republic (36)	34
36	FM	Martinique (30)	33
36	HP	Panama (19)	33
38	VP9	Bermuda (43)	31
38	8P	Barbados (36)	31
40	VP2M	Montserrat (39)	29
40	6Y	Jamaica (30)	29
42	HK	Colombia (49)	27
43	P4	Aruba (36)	26
44	YV	Venezuela (52)	24
45	KP2	Virgin Is. (43)	23
46	ZF	Cayman Is. (47)	21
47	HH	Haiti (43)	20
48	PJ	Neth. Antilles (41)	19
49	KL7	Alaska (49)	17
50	CM,CO	Cuba (46)	14
50	T!	Costa Rica (52)	14
50	VP5	Turks & Caicos Is. (48)	14
53	C6	Bahamas (49)	13
54	KP4	Puerto Rico (52)	10
55	XE	Mexico (55)	7
56	VE	Canada (56)	4

(\*) = Indicates previous rank from 1994 survey

% Need= The percentage of total respondents still needing to work the indicated DXCC country

The 1997 50 MHz DXCC Needs Survey was compiled for the 50 MHz DX Bulletin by Ray King WB8YFE and is intended to encourage six meter activity from the most needed DXCC countries workable from North America via sporadic E. Survey responses received through April 1, 1997 were included in the tabulation.